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OSI EXTERNAL ADP ACTIVITIES

ACTION COMPONENT(S):

OSI

USER COMPONENT(S):

OSI

OBJECTIVES:

The objective of OSI's program of external contracts is to acquire unique analytical capabilities from highly qualified organizations to assist the Office in its analysis of data pertaining to Soviet and Communist Chinese activities in the field of science and technology. Computers offer the most effective means of performing certain kinds of analysis on data related to scientific activity and capability in these two areas.

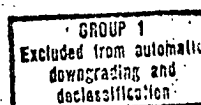
DESCRIPTION:

The spectrum of ADP methodology involved in external contracts is wide and generally consists of ad hoc computer programs for selecting, sorting, and computing data concerned with specific areas of scientific intelligence. Specifically, these activities support analysis of scientific information related to:

- Soviet defense weapons system
- Communist Chinese air defense systems
- Propagation of radar pulses
- Surface-to-air-missile systems
- Soviet ABM systems
- Foreign aircraft
- Soviet nuclear weapons
- Fissionable materials production
- Communist Chinese nuclear weapons
- Research and development in electronics
- World-wide weather data
- Soviet satellites

The contracting effort required encompasses more than ADP methodology and analysis. In general, the contractor is responsible for a broad analytic problem. The solution will always require knowledge and analysis beyond

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just computation, although computation may represent more than half the costs of the activity. Contractor support is more appropriate in problem areas where fast results are not critical, the effort is reasonably large, and the analytic expertise is not otherwise available in-house.

CHRONOLOGY:

Initiated: Prior to FY-64

Operational: Various

Operational Evaluation: Various



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